KENWOOD

DNX716WDABS
DNX8160DABS
DNX5160DABS
DNX5160BTS
DNX3160BT
DNX516DABS

GPS NAVIGATION SYSTEM

INSTRUCTION MANUAL

JVCKENWOOD Corporation

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Table of Contents

Getting Started 1
Navigation System 1
Status Bar Icons 1
Using the On-Screen Buttons 1
Removing a Shortcut 1
Adding a Shortcut 1
Updating the Software 1
Updating Map Data 1

Finding Locations 1
Locations 1
Finding a Location by Category 1
Finding a Location Using the Search Bar 2
Changing the Search Area 2
Search Tools 2
Finding an Address 2
Finding an Intersection 2
Finding a City 2
Finding a Location Using Coordinates 3
Starting a Route by Using the Map 3
Finding a Location Using Quick Search 3
Saving a Home Location 3
Going Home 3
Editing Your Home Location Information 3
Finding Recently Found Places 3
Clearing the List of Recently Found Places 3
Finding Parking 3
Setting a Simulated Location 3
Saving Locations 4
Saving a Location 4
Starting a Route to a Saved Location 4
Editing a Saved Location 4
Assigning Categories to a Saved Location 4

Navigation 4
Starting a Route 4
Previewing Multiple Routes 4
Your Route on the Map 4
Using the Map 4
Adding a Point to a Route 5
Taking a Detour 5
Stopping the Route 5
Using Suggested Routes 5
About Exit Services 5
Finding Exit Services 5
Navigating to an Exit 5
Avoiding Road Features 5
About Custom Avoidances 5
Avoiding an Area 5
Avoiding a Road 6
Disabling a Custom Avoidance 6
Deleting Custom Avoidances 6
Enabling Advanced Detours 6
Taking a Detour 6
Custom Points of Interest 6
Installing POI Loader Software 6
Using the POI Loader Help Files 6
Finding Extras 6

Map Pages 6
Customizing the Map 6
Customizing the Map Layers 6
Viewing the Trip Log 6
Changing the Map Data Field 7
Customizing Map Buttons 7
Changing the Map Perspective 7
Viewing Route Activity 7
Viewing a List of Turns 7
Viewing the Next Turn 7
Viewing Traffic Alerts 7
Viewing Junctions 7
Viewing the Trip Information Page 7
Getting Directions to Your Current Location 8
Viewing Current Location Information 8
Finding Nearby Services 8

Using the Apps 8
Searching Help Topics 8
About ecoRoute 8
Setting Up the Vehicle 8
Calibrating the Fuel Economy 8
Changing the Fuel Price 8
About ecoChallenge 8
Viewing Fuel Economy Information 9
Mileage Reports 9
Resetting ecoRoute Information 9
Planning a Trip 9
Scheduling a Trip 9
Navigating to a Saved Trip 9
Editing a Saved Trip 9
Viewing Previous Routes and Destinations 10

Viewing the Weather Forecast 10
Viewing Weather Near a Different City 10
Viewing the Weather Radar 10
Viewing Weather Alerts 10
Checking Road Conditions 10
Viewing Road Weather 10
Finding Fuel Stations and Prices 10
Dynamic Parking 10
About Traffic 10
Traffic Data Using INRIX Traffic Service 11
FM TMC Traffic 11
About the Traffic Icon 11
Traffic on Your Route 11
Viewing Traffic on Your Route 11
Manually Avoiding Traffic on Your Route 11
Taking an Alternate Route 11
Viewing Traffic on the Map 11
Traffic in Your Area 11
Searching for Traffic Delays 11
Viewing a Traffic Incident on the Map 12
Understanding Traffic Data 12
Customizing the Device 12
Map and Vehicle Settings 12
Enabling Maps 12
Navigation Settings 12
Changing the Route Calculation Mode 12
Display Settings 12
Changing the Color Mode 12
Traffic Settings 13
trafficTrends 13
Disabling trafficTrends 13
Units and Time Settings 13
Language and Keyboard Settings 13
Device and Privacy Settings 13
Proximity Alerts Settings 13
Restoring Settings 13

Getting Started

⚠ WARNING

See the *Safety Precautions and Important Information* in the Quick Start Guide for product warnings and other important information.

NOTE: The screenshots shown in this manual may not exactly match the screens on your navigation system. The images used in this manual are intended for reference only.

Navigation System

For complete audio system information, see the other KENWOOD system manuals.

①	Opens the navigation system when selected.

Status Bar Icons

The status bar is at the top of the main menu. The status bar icons display information about features on the device. You can select some icons to change settings or view additional information.

	GPS signal status
9:10 AM	Current time
	INRIX Traffic Service status

Using the On-Screen Buttons

- Select ↩ to return to the previous menu screen.
- Hold ↩ to quickly return to the main menu.
- Select ↑ or ↓ to see more choices.
- Hold ↑ or ↓ to scroll faster.
- Select ☰ to see a menu of options for the current screen.

Removing a Shortcut

1. Select **Where To?** > ☰ > **Remove Shortcut(s)**.
2. Select a shortcut to remove.
3. Select the shortcut again to confirm.
4. Select **Save**.

Adding a Shortcut

You can add shortcuts to the Where To? menu. A shortcut can point to a location, a category, or a search tool.

The Where To? menu can contain up to 36 shortcut icons.

1. Select **Where To?** > **Add Shortcut**.
2. Select an item.

Updating the Software

Before you can update the navigation system software, you must have an SD card and a USB mass storage device, and an Internet connection.

1. Go to www.garmin.com/kenwood.
2. Select **Update**.
3. Follow the on-screen instructions.

Updating Map Data

You can purchase updated map data from Garmin® or ask your JVC KENWOOD dealer or JVC KENWOOD service center for details.

1. Go to www.garmin.com/kenwood.
2. Select **Update**.
3. Follow the on-screen instructions.

Finding Locations

Locations

The detailed maps loaded in your device contain locations, such as restaurants, hotels, auto services, and detailed street information. You can use categories to browse for nearby businesses and attractions. You can also search for addresses, coordinates, cities, and intersections.

Finding a Location by Category

1. Select **Where To?**.

2 Select a category, or select **Categories**.
3 If necessary, select a subcategory.
4 Select a location.

Searching Within a Category

To narrow your search results, you can search within some categories.

1 Select **Where To?**.
2 Select a category, or select **Categories**.
3 If necessary, select a subcategory.
4 If necessary, enter all or part of the name in the search bar.

Finding a Location Using the Search Bar

You can use the search bar to search for locations by entering a category, brand name, address, or city name.

1 Select **Where To?**.
2 Select **Enter Search** in the search bar.
3 Enter all or part of the search term.

  Suggested search terms appear below the search bar.

4 Select an option:
  - To search for a type of business, enter a category name (for example, "movie theaters").
  - To search for a business name, enter all or part of the name.
  - To search for an address near you, enter the house number and street name.
  - To search for an address in another city, enter the house number, street name, city, and state.
  - To search for a city, enter the city and state.
  - To search for coordinates, enter latitude and longitude coordinates.
5 Select an option:
  - To search using a suggested search term, select the term.
  - To search using the text you entered, select .
6 If necessary, select a location.

Changing the Search Area

1 From the main menu, select **Where To?**.
2 Select **Searching near:**.
3 Select an option.

Search Tools

Search tools allow you to search for specific types of locations by responding to on-screen prompts.

Finding an Address

NOTE: The order of the steps may change depending on the map data loaded on your device.

1 Select **Where To?** > **Address**.
2 If necessary, select **State or Country** to change the search area.
3 Select an option:
  - To narrow your search to a city in the search area, select **Spell City**.
  - To narrow your search to a postal code in the search area, select **Enter Postal Code**.
  - To search for an address in all cities and postal codes in the search area, select **Search All**.
4 Follow the on-screen instructions to enter address information.
5 Select the address.

Finding an Intersection

You can search for an intersection or junction between two streets, highways, or other roads.

1 Select **Where To?** > **Categories** > **Intersections**.
2 Follow the on-screen instructions to enter street information.
3 Select the intersection.

Finding a City

1 Select **Where To?** > **Categories** > **Cities**.
2 Select an option:
  - Select a city from the list of nearby cities.
  - To search near another location, select **Searching near:** (Changing the Search Area).

- To search for a city by name, select **Enter Search**, enter a city name, and select .

Finding a Location Using Coordinates

You can find a location using latitude and longitude coordinates.

1. Select **Where To?** > **Categories** > **Coordinates**.
2. If necessary, select > **Format**, select the correct coordinate format for the type of map you are using, and select **Save**.
3. Select the latitude coordinate.
4. Enter the new coordinate, and select **Done**.
5. Select the longitude coordinate.
6. Enter the new coordinate, and select **Done**.
7. Select **View on Map**.

Starting a Route by Using the Map

You can start route by selecting a location from the map.

1. Select **View Map**.
2. Drag and zoom the map to display the area to search.
3. If necessary, select to filter the displayed points of interest by category.

   Location markers (or a blue dot) appear on the map.
4. Select an option:
   - Select a location marker.
   - Select a point, such as a street, intersection, or address location.
5. Select **Go!**.

Finding a Location Using Quick Search

After you have performed a search for a point of interest, certain categories may display a Quick Search list that displays the last four destinations you selected.

1. Select **Where To?**.
2. Select a category, or select **Categories**.
3. If applicable, select a destination from the Quick Search list.
4. If necessary, select the appropriate destination.

Saving a Home Location

You can set your home location for the location you return to most often.

1. Select **Where To?** > > **Set Home Location**.
2. Select **Enter My Address**, **Use Current Location**, or **Recently Found**.

The location is saved as "Home" in the Saved menu.

Going Home

Select **Where To?** > **Go Home**.

Editing Your Home Location Information

1. Select **Where To?** > **Saved** > **Home**.
2. Select .
3. Select > **Edit**.
4. Enter your changes.
5. Select **Done**.

Finding Recently Found Places

Your device stores the last 50 locations you have found.

1. Select **Where To?** > **Recent**.
2. Select a location.

Clearing the List of Recently Found Places

Select **Where To?** > **Recent** > > **Clear** > **Yes**.

Finding Parking

1. Select **Where To?** > **Categories** > **Parking**.
2. Select a parking location.

Setting a Simulated Location

If you are indoors or not receiving satellite signals, you can use the GPS to set a simulated location.

1. Select **Settings** > **Navigation** > **GPS Simulator**.
2. From the main menu, select **View Map**.
3. Tap the map twice to select an area.

   The address of the location appears at the bottom of the screen.

4 Select the location description.
5 Select **Set Location**.

Saving Locations

Saving a Location

1 Search for a location (Finding a Location by Category).
2 From the search results, select a location.
3 Select ⓘ.
4 Select ☰ > **Save**.

Starting a Route to a Saved Location

1 Select **Where To?** > **Saved**.
2 If necessary, select a category, or select **All Saved Places**.
3 Select a location.
4 Select **Go!**.

Editing a Saved Location

1 Select **Where To?** > **Saved**.
2 If necessary, select a category.
3 Select a location.
4 Select ⓘ.
5 Select ☰ > **Edit**.
6 Select an option:
- Select **Name**.
- Select **Phone Number**.
- Select **Categories** to assign categories to the saved location.
- Select **Change Map Symbol** to change the symbol used to mark the saved location on a map.

7 Edit the information.
8 Select **Done**.

Assigning Categories to a Saved Location

You can add custom categories to organize your saved locations.

NOTE: Categories appear in the saved locations menu after you have saved at least 12 locations.

1 Select **Where To?** > **Saved**.
2 Select a location.
3 Select ⓘ.
4 Select ☰ > **Edit** > **Categories**.
5 Enter one or more category names, separated by commas.
6 If necessary, select a suggested category.
7 Select **Done**.

Navigation

Starting a Route

1 Search for a location (Locations).
2 Select a location.
3 Select **Go!**.
4 If necessary, select a route.

Previewing Multiple Routes

1 Search for a location (Finding a Location by Category).
2 From the search results, select a location.
3 Select **Routes**.
4 Select a route.
5 Select **Go!**.

Your Route on the Map

NOTICE

The speed limit feature is for information only and does not replace your responsibility to abide by all posted speed limit signs and to use safe driving judgment at all times. Garmin and JVC KENWOOD will not be responsible for any traffic fines or citations you receive for failing to follow all applicable traffic laws and signs.

The route is marked with a magenta line. A checkered flag marks your destination.

As you travel, the device guides you to the destination with voice prompts, arrows on the map, and directions at the top of the map. If you depart from the original route, the device recalculates the route and provides new directions.

Using the Map

1 From the main menu, select **View Map**.
2 If the zoom controls are hidden, select the map to display the zoom controls.

3 Select the map.
4 Select an option:
- To zoom in or out, select + or −.
- To rotate the map view, select .
- To switch between North Up and 3-D views, select .
- To add or remove map layers, select .
- To view specific categories, select .
- To center the map on your current location, select .
- To view shortcuts for map and navigation features, select .

Adding a Point to a Route

Before you can add a point, you must be navigating a route.

1 From the map, select > **Where To?**.
2 Search for a location.
3 Select a location.
4 Select **Go!**.
5 Select **Add to Active Route**.

Taking a Detour

While navigating a route, you can use detours to avoid obstacles ahead of you, such as construction zones.

While navigating, select > **Detour**.

Stopping the Route

From the map, select > **Stop**.

Using Suggested Routes

Before you can use this feature, you must save at least one location and enable the travel history feature (Device and Privacy Settings).

Using the myTrends™ feature, your device predicts your destination based on your travel history, the day of the week, and the time of day. After you have driven to a saved location several times, the location may appear in the navigation bar on the map, along with the estimated time of travel, and traffic information.

Select the navigation bar to view a suggested route to the location.

About Exit Services

NOTE: You must be on a major highway or road to view exit services.

While navigating a route, you can find businesses and services near upcoming exits. Services are listed by category.

	Gas
	Food
	Lodging
	Restrooms

Finding Exit Services

1 From the map, select > **Exit Services**.
2 Use the arrows to select an upcoming exit.
3 Select an exit service tab.
4 Select a point of interest.

Navigating to an Exit

1 From the map, select > **Exit Services** > .
2 Select **Go!**.

Avoiding Road Features

1 Select **Settings** > **Navigation** > **Avoidances**.
2 Select the road features to avoid on your routes, and select **Save**.

About Custom Avoidances

Custom avoidances allow you to avoid specific areas and sections of road. You can enable and disable custom avoidances as needed.

Avoiding an Area

1 Select **Settings** > **Navigation** > **Custom Avoidances**.
2 If necessary, select **Add Avoidance**.
3 Select **Add Avoid Area**.
4 Select the upper-left corner of the area to avoid, and select **Next**.
5 Select the lower-right corner of the area to avoid, and select **Next**.

The selected area is shaded on the map.

6 Select **Done**.

Avoiding a Road

1. Select **Settings** > **Navigation** > **Custom Avoidances**.
2. Select **Add Avoid Road**.
3. Select the starting point of the section of road to avoid, and select **Next**.
4. Select the ending point of the road section, and select **Next**.
5. Select **Done**.

Disabling a Custom Avoidance

You can disable a custom avoidance without deleting it.

1. Select **Settings** > **Navigation** > **Custom Avoidances**.
2. Select an avoidance.
3. Select ☰ > **Disable**.

Deleting Custom Avoidances

1. Select **Settings** > **Navigation** > **Custom Avoidances**.
2. Select an option:
   - To delete all custom avoidances, select 🗑.
   - To delete one custom avoidance, select the avoidance, and select ☰ > **Delete**.

Enabling Advanced Detours

Select **Settings** > **Navigation** > **Advanced Detours**.

Taking a Detour

Before you can take a detour, you must be navigating a route.

You can take a detour for a specified distance along your route or detour around specific roads. This is useful if you encounter construction zones, closed roads, or poor road conditions.

1. From the map, select ☰ > **Detour**.
2. Select an option.
   - To detour your route for a specific distance, select a distance.
   - To detour around a specific road on the route, select **Detour by Road(s) on Route**, and select a road around which to detour.

Custom Points of Interest

Custom POIs are customized points on the map. They can contain alerts that let you know if you are near a designated point or if you are traveling faster than a specified speed.

Installing POI Loader Software

You can create or download custom POI lists on your computer and install them on your device using POI Loader software. You must use a USB mass storage device to load POIs.

1. Go to www.garmin.com/extras.
2. Click **Services & Utilities** > **POI Loader**.
3. Install the POI Loader onto your computer.

Using the POI Loader Help Files

For more information on the POI loader, refer to the Help file.

With the POI loader open, click **Help**.

Finding Extras

1. Select **Where To?** > **Categories** > **Custom POIs**.
2. Select a category.

Map Pages

Customizing the Map

Customizing the Map Layers

You can customize which data appear on the map, such as icons for points of interest and road conditions.

1. From the map, select ☰.
2. Select **Map Layers**.
3. Select which layers you want to include on the map, and select **Save**.

Viewing the Trip Log

Your device keeps a trip log, which is a record of the path you have traveled.

1. Select **Settings** > **Map & Vehicle** > **Map Layers**.
2. Select the **Trip Log** check box.
3. Select **Save**.

Changing the Map Data Field

1. From the map, select the data field in the lower left-hand corner.
2. Select a type of data to display.
3. Select **Save**.

Customizing Map Buttons

You can include up to three icons on the right side of the main map.

1. Select **Settings** > **Map & Vehicle** > **Map Buttons**.
2. Select an icon, and select **OK**.
3. Select .
4. Select a different icon.
5. Select **Save**.

Removing Buttons from the Map

You can remove all buttons from the right side of the map.

1. Select **Settings** > **Map & Vehicle** > **Map Buttons**.
2. Select an icon, and select **OK**.
3. Select **Save**.

Changing the Map Perspective

1. Select **Settings** > **Map & Vehicle** > **Driving Map View**.
2. Select an option:
   - Select **Track Up** to display the map in two dimensions (2-D), with your direction of travel at the top.
   - Select **North Up** to display the map in 2-D with north at the top.
   - Select **3-D** to display the map in three dimensions.
3. Select **Save**.

Viewing Route Activity

Viewing a List of Turns

While navigating a route, you can view all of the turns and maneuvers for your entire route and the distance between turns.

1. While navigating a route, select the text bar on the top of the map.
2. Select a turn.

   The details for the turn appear. If available, an image of the junction appears for junctions on major roadways.

Viewing the Entire Route on the Map

1. While navigating a route, select the navigation bar at the top of the map.
2. Select > **Map**.

Viewing the Next Turn

While navigating a route, a preview of the next turn, lane change, or other maneuver appears in the upper-left corner of the map.

The preview includes the distance to the turn or maneuver and the lane in which you should be traveling, if available.

From the map, select to view the next turn on the map.

Viewing Traffic Alerts

While navigating a route, a traffic alert may appear in the navigation bar.

Select the alert to view more information.

Viewing Junctions

While navigating a route, you can view the junctions on major roadways. When you approach a junction in a route, the image of that junction appears briefly, if available.

NOTE: This feature is not available on all models.

From the map, select to view the junction, if available.

Viewing the Trip Information Page

The trip information page displays your speed and provides statistics about your trip.

NOTE: If you make frequent stops, leave the device turned on, so it can accurately measure elapsed time during the trip.

From the map, select **Speed**.

Resetting Trip Information

1. From the map, select **Speed**.
2. Select > **Reset All**.
3. Select an option:
   - When not navigating a route, select **Select All** to reset every data field except the speedometer, on the first page.
   - Select **Reset Trip Data** to reset the information on the trip computer.
   - Select **Reset Trip B** to reset the odometer.

- Select **Reset Max. Speed** to reset the maximum speed.

4 Select **Reset**.

Getting Directions to Your Current Location

If you need to tell another person how to get to your current location, your device can give you a list of directions.

1 From the map, select the vehicle.

2 Select ☰ > **Directions to Me**.

Viewing Current Location Information

You can use the Where Am I? page to view information about your current location. This feature is helpful if you need to tell emergency personnel your location.

From the map, select ☰ > **Where Am I?**.

Finding Nearby Services

You can use the Where Am I? page to find nearby services, such as hospitals or police stations.

1 From the map, select ☰ > **Where Am I?**.

2 Select a category.

Using the Apps

Searching Help Topics

Select **Apps** > **Help** > 🔍.

About ecoRoute

The ecoRoute™ feature calculates the fuel economy and the fuel price of navigating to a destination, and offers tools for improving fuel efficiency.

The data provided by the ecoRoute feature is an estimate only.

To receive more-accurate fuel reports for your specific vehicle and driving habits, calibrate the fuel economy (Calibrating the Fuel Economy).

Setting Up the Vehicle

The first time you use the ecoRoute features, you must enter vehicle information.

1 Select **Apps** > **ecoRoute™**.

2 Follow the on-screen instructions.

Calibrating the Fuel Economy

You can calibrate the fuel economy to receive more-accurate fuel reports for your specific vehicle and driving habits. You should calibrate when you fill up your fuel tank.

1 Select **Apps** > **ecoRoute™** > **At the Pump**.

2 Enter the current fuel price.

3 Enter the amount of fuel the vehicle has used since the last time the fuel tank was filled.

4 Enter the distance you have traveled since the last time the fuel tank was filled.

5 Select **Next**.

The device calculates the average vehicle fuel economy.

6 Select **Save**.

Changing the Fuel Price

1 Select **Apps** > **ecoRoute™** > **At the Pump**.

2 Enter the current price of fuel, and select **Next**.

3 Select **Yes**.

About ecoChallenge

ecoChallenge helps you maximize the vehicle fuel economy by scoring your driving habits. The higher your ecoChallenge scores, the more fuel you have saved. ecoChallenge collects data and calculates a score whenever your vehicle is moving.

Viewing ecoChallenge Scores

Select **Apps** > **ecoRoute™** > **ecoChallenge**.

About the ecoChallenge Score

The leaf color on the ecoChallenge icon changes depending on your performance in the challenge.

Overall: Displays an average of the speed, acceleration, and braking score.

Speed: Displays your score for driving your vehicle at the optimal speed for conserving fuel.

Acceleration: Displays your score for smooth and gradual acceleration. You lose points for rapid acceleration.

Braking: Displays your score for smooth and gradual braking. You lose points for hard braking.

Resetting the ecoChallenge Scores

1. Select **Apps** > **ecoRoute™** > **ecoChallenge**.
2. Select ☰ > **Reset**.
3. Select **Yes**.

Viewing Fuel Economy Information

1. Select **Apps** > **ecoRoute™** > **Fuel Economy**.
2. Select a section of the graph to zoom in.

Mileage Reports

Mileage reports provide the distance, the time, the average fuel economy, and the fuel cost of navigating to a destination.

A mileage report is created for every route that you drive. If you stop a route on your device, a mileage report is created for the distance you traveled.

Exporting a Mileage Report

1. Connect a USB mass storage device to your KENWOOD unit.
2. Select **Apps** > **ecoRoute™** > **Mileage Report**.
3. Select **Export** to export and save a report to the USB mass storage device.

Resetting ecoRoute Information

1. Select **Apps** > **ecoRoute™** > **Vehicle Profile**.
2. Select **Reset**.
3. Select **Yes**.

Planning a Trip

You can use the trip planner to create and save a trip with multiple destinations.

1. Select **Apps** > **Trip Planner**.
2. Select **New Trip**.
3. Select **Select Start Location**.
4. Search for a location (Finding a Location by Category).
5. Select **Select**.
6. To add additional locations, select ✚.
7. Search for a location.
8. Select **Select**.
9. Select **Next**.
10. Enter a name, and select **Done**.

Scheduling a Trip

You can add scheduling information to each location in your trip, including the desired arrival time and layover duration at each location. This can help you plan your departure to reach locations in your trip on time.

1. Select **Apps** > **Trip Planner**.
2. Select a trip.
3. Select a location.
4. Select **Departure Time** or **Arrival Time**.
5. Select a date and time, and select **Save**.
6. Select **Duration**.
7. Select the amount of time you intend to spend at the location, and select **Save**.
8. If necessary, repeat steps 3 through 7 for each location.

Navigating to a Saved Trip

1. Select **Apps** > **Trip Planner**.
2. Select a saved trip.
3. Select **Go!**.
4. Select your next destination.
5. If prompted, select a route.

Editing a Saved Trip

1. Select **Apps** > **Trip Planner**.
2. Select a saved trip.
3. Select ☰.
4. Select an option:
   - Select **Edit Destinations** to add and delete a location, or to change the order of locations.
   - Select **Delete Trip**.
   - Select **Rename Trip**.
   - Select **Optimize Order** to arrange the stops on your trip in the most-efficient order.
   - Select **Route Preference** to change the route calculation mode for your trip.

Viewing Previous Routes and Destinations

Before you can use this feature, you must enable the travel history feature (Device and Privacy Settings).

You can view your previous routes and places you have stopped on the map.

Select **Apps** > **Where I've Been**.

Viewing the Weather Forecast

Before you can use this feature, your device must be connected using Bluetooth to access connected services. This feature is not available in all areas.

1. Select **Apps** > **Weather**.
2. Select a day.

   The detailed forecast for that day appears.

Viewing Weather Near a Different City

1. Select **Apps** > **Weather** > **Current Location**.
2. Select an option:
   - To view weather for a favorite city, select a city in the list.
   - To add a favorite city, select **Add City**, and enter a city name.

Viewing the Weather Radar

You can view an animated, color-coded radar map of current weather conditions, as well as a weather icon on the map. The weather icon changes to show weather in the vicinity, such as rain, snow, and thunderstorms.

1. Select **Apps** > **Weather**.
2. If necessary, select a city.
3. Select ☰ > **Weather Radar**.

Viewing Weather Alerts

While you are traveling with your device, weather alerts may appear on the map. You can also view a map of weather alerts near your current location or near a selected city.

1. Select **Apps** > **Weather**.
2. If necessary, select a city.
3. Select ☰ > **Weather Alerts**.

Checking Road Conditions

1. Select **Apps** > **Weather**.
2. If necessary, select a city.
3. Select ☰ > **Road Conditions**.

Viewing Road Weather

Before you can use this feature, your device must be connected using Bluetooth® wireless technology to access connected services. This feature is not available in all areas.

1. Select **Apps** > **Road Weather**.

   Weather events that affect road conditions appear on the map.
2. Select a weather event to view details about the event.

Finding Fuel Stations and Prices

Before you can use this feature, your device must be connected using Bluetooth to access connected services.

You can find nearby fuel stations and compare fuel prices.

1. Select **Apps** > **Fuel Prices**.
2. If necessary, select ☰ > **Fuel Type**, select a fuel type, and select **Save**.
3. Select a fuel station.

Dynamic Parking

Before you can use this feature, your device must be connected using Bluetooth to access connected services. This feature is not available in all areas.

You can find detailed parking information, including parking availability in nearby garages and pricing information.

1. Select **Apps** > **Dynamic Parking**.
2. Select a parking location.

About Traffic

NOTICE

Garmin and JVC KENWOOD are not responsible for the accuracy or timeliness of traffic information.

Your navigation system can receive traffic information using the built-in traffic receiver or a subscription to INRIX® Traffic Service. The traffic receiver must be in data range of a station transmitting traffic data to receive traffic information. The traffic subscription activates automatically after your navigation system acquires satellite signals while receiving traffic signals from the service provider. When receiving INRIX traffic information, FM TMC information is not displayed. You can add other subscriptions at any time. For information about traffic receivers and coverage areas, go to www.garmin.com/kenwood.

NOTE: INRIX Traffic Service and FM TMC Traffic are not available on all models or in all areas.

Traffic Data Using INRIX Traffic Service

You can purchase a traffic subscription to receive traffic data using INRIX traffic service. When your navigation system is connected to INRIX and within a traffic coverage area, your system begins displaying traffic information. Traffic data is not available in all areas or regions.

See the KENWOOD Traffic Powered By INRIX™ application for INRIX traffic subscription information.

FM TMC Traffic

FM Traffic Message Channel (TMC) traffic receivers receive traffic information broadcast over the FM Radio Data System. The FM TMC subscription activates automatically after your navigation system acquires satellite signals while receiving traffic signals from the service provider. You can add other FM TMC subscriptions at any time.

NOTE: The availability of FM TMC depends on your region and may require the purchase of a subscription.

For information about traffic receivers and coverage areas, go to www.garmin.com/kenwood.

About the Traffic Icon

When you are receiving traffic information, a traffic icon appears on the map. The traffic icon changes color to indicate the severity of traffic conditions.

Green: Traffic is flowing freely.

Yellow: Traffic is moving, but there is a delay. There is moderate traffic congestion.

Red: Traffic is not moving or moving very slowly. There is a severe delay.

Gray: Traffic information is not available.

Traffic on Your Route

Viewing Traffic on Your Route

1. While navigating a route, select .
2. Select **Traffic On Route**.

   A list of traffic events appears, organized by their location on the route.
3. Select an event.

Manually Avoiding Traffic on Your Route

1. From the map, select .
2. Select **Traffic On Route**.
3. If necessary, use the arrows to view other traffic delays on your route.
4. Select > **Avoid**.

Taking an Alternate Route

1. While navigating an automobile route, select .
2. Select **Alternate Route**.
3. Select a route.

Viewing Traffic on the Map

The traffic map shows color-coded traffic flow and delays on nearby roads.

1. From the map, select .
2. Select **Traffic Conditions**.

Traffic in Your Area

Searching for Traffic Delays

1. From the map page, select .
2. Select **Traffic Conditions** > .
3. Select an item in the list.
4. If there is more than one delay, use the arrows to view additional delays.

Viewing a Traffic Incident on the Map

1. From the map, select .
2. Select **Traffic Conditions**.
3. Select a traffic icon.

Understanding Traffic Data

The traffic legend explains the icons and colors used on the traffic map.

1. From the map, select > **Traffic**.
2. Select **Traffic Legend**.

Customizing the Device

Map and Vehicle Settings

To open the Map and Vehicle settings, from the main menu, select **Settings** > **Map & Vehicle**.

Vehicle: Sets the icon that represents your position on the map.

Driving Map View: Sets the perspective on the map.

Map Detail: Sets the level of detail on the map. More detail may cause the map to draw slower.

Map Theme: Changes the color of the map data.

Map Buttons: Sets which icons are included on the map. Up to three icons can be included on the map.

Map Layers: Sets the data that appears on the map page (Customizing the Map Layers).

Dashboards: Sets the map dashboard layout.

Auto Zoom: Automatically selects the zoom level for optimal use of your map. When disabled, you must zoom in or out manually.

Audible Speed Alerts: Alerts you when your vehicle is exceeding the speed limit.

NOTE: This feature is not available in all areas.

myMaps: Sets which installed maps the device uses.

Enabling Maps

You can enable map products installed on your device.

1. Select **Settings** > **Map & Vehicle** > **myMaps**.
2. Select a map.

Navigation Settings

To open the Navigation settings page, from the main menu, select **Settings** > **Navigation**.

Calculation Mode: Sets the route calculation method.

Avoidances: Sets road features to avoid on a route.

Custom Avoidances: Allows you to avoid specific roads or areas.

Advanced Detours: Sets the length of the detour.

Safe Mode: Disables all functions that require significant operator attention and could become a distraction while driving.

Voice Prompts: Enables voice prompts.

GPS Simulator: Stops the device from receiving a GPS signal.

Changing the Route Calculation Mode

1. Select **Settings** > **Navigation** > **Calculation Mode**.
2. Select an option:
   - Select **Faster Time** to calculate routes that are faster to drive but can be longer in distance.
   - Select **Shorter Distance** to calculate routes that are shorter in distance but can take more time to drive.
   - Select **Less Fuel** to calculate routes that are more fuel-efficient.
3. Select **Save**.

Display Settings

Select **Settings** > **Display**.

Color Mode: Allows the device to display day or night colors.

Changing the Color Mode

1. Select **Settings** > **Display** > **Color Mode**.
2. Select an option:
   - To use a light background, select **Day**.

- To use a dark background, select **Night**.
- To allow the device to display day or night colors automatically, based on the time of day, select **Auto**.

Traffic Settings

From the main menu, select **Settings** > **Traffic**.

Traffic: Enables traffic.

Subscriptions: Lists the current traffic subscriptions.

trafficTrends™: Enables the trafficTrends™ feature (trafficTrends).

Traffic Voice Prompts: Enables voice prompts for traffic events.

trafficTrends

When the trafficTrends feature is enabled, your device uses historic traffic data to calculate more-efficient routes.

NOTE: Different routes may be calculated based on traffic trends for the day of the week or the time of day.

Disabling trafficTrends

To prevent your device from recording traffic data, you must disable trafficTrends.

Select **Settings** > **Traffic** > **trafficTrends™**.

Units and Time Settings

To open the Units and Time settings page, from the main menu, select **Settings** > **Units & Time**.

Current: Sets the device time.

Time Format: Allows you to select a 12-hour, 24-hour, or UTC display time.

Units: Sets the unit of measure used for distances.

Language and Keyboard Settings

To open the Language and Keyboard settings, from the main menu, select **Settings** > **Language & Keyboard**.

NOTE: For text language settings, see the other KENWOOD system manuals.

Voice Language: Sets the language for voice prompts.

Keyboard Language: Sets the language for your keyboard.

Keyboard Layout: Sets the keyboard layout.

Device and Privacy Settings

To open the Device settings page, from the main menu, select **Settings** > **Device**.

About: Displays the software version number, the unit ID number, and information on several other software features.

Travel History: Allows the device to record information for the myTrends (Using Suggested Routes), Where I've Been (Viewing Previous Routes and Destinations), and Trip Log (Viewing the Trip Log) features.

Clear Travel History: Clears your travel history from the navigation system.

Update Maps: Exports data from the navigation unit for map and software updates and traffic subscriptions (Updating Map Data).

Proximity Alerts Settings

NOTE: You must have custom points of interest (POIs) loaded for proximity points alerts to display.

NOTE: This feature is not available in all areas.

Select **Settings** > **Proximity Alerts**.

Audio: Sets the style of alert that plays when you approach proximity points.

Alerts: Sets the type of proximity points for which alerts are played.

Restoring Settings

You can restore a category of settings or all settings to the factory default values.

1. Select **Settings**.
2. If necessary, select a settings category.
3. Select ☰ > **Restore**.
4. Select **Yes**.

To download free navigation software updates and purchase updated maps for your product, go to www.garmin.com/kenwood.

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